

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-236833
 (43)Date of publication of application : 08.09.1998

(51)Int. CI. C03B 18/10

(21)Application number : 09-367800 (71)Applicant : ASAHI GLASS CO LTD ✓
 (22)Date of filing : 26.12.1997 (72)Inventor : IGA GENICHI
 UEHORI TORU
 INOUE ATSUSHI
 FUKAZAWA YASUSHI

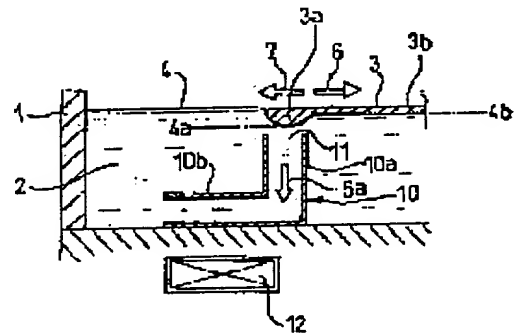
(30)Priority
 Priority number : 08356819 Priority date : 26.12.1996 Priority country : JP

(54) PRODUCTION OF PLATE GLASS AND APPARATUS FOR PRODUCTION THEREFOR

(57)Abstract:

PROBLEM TO BE SOLVED: To make it possible to control the width of fused glass flow without installing a restrictor tile by compensating the force to spread the fused glass flow toward its transverse direction or the force to narrow the fused glass flow by varying the level of the molten metal near the edge of the fused glass flow of a high-temp. region from the level in the central part and holding the edge of the fused glass flow at a prescribed position.

SOLUTION: The fused glass flow 3 is passed onto a bath tank 1 filled with a molten metal bath 2 to generate the flow 5a of the molten metal toward the bottom of this bath tank 1 which is the direction nearly perpendicular to the bath surface 4, by which a negative pressure is generated on the rear surface of the fused glass flow 3. The level 4 on the bath surface of the molten metal of the edge 3a is made lower than the bath surface level 4b of the central part by this negative pressure, by which a dent is generated. The fused glass flow 3 is admitted into this dent to make the thickness of the edge part 3a larger than the thickness of the central part 3b, by which the force to contract the fused glass 3 in the transverse direction is compensated and the edge is held at the prescribed position.



LEGAL STATUS

[Date of request for examination]
[Date of sending the examiner's
decision of rejection]
[Kind of final disposal of application
other than the examiner's decision of
rejection or application converted
registration]
[Date of final disposal for
application]
[Patent number]
[Date of registration]
[Number of appeal against examiner's
decision of rejection]
[Date of requesting appeal against
examiner's decision of rejection]
[Date of extinction of right]

Copyright (C); 1998, 2000 Japan Patent Office